

FIG. 1

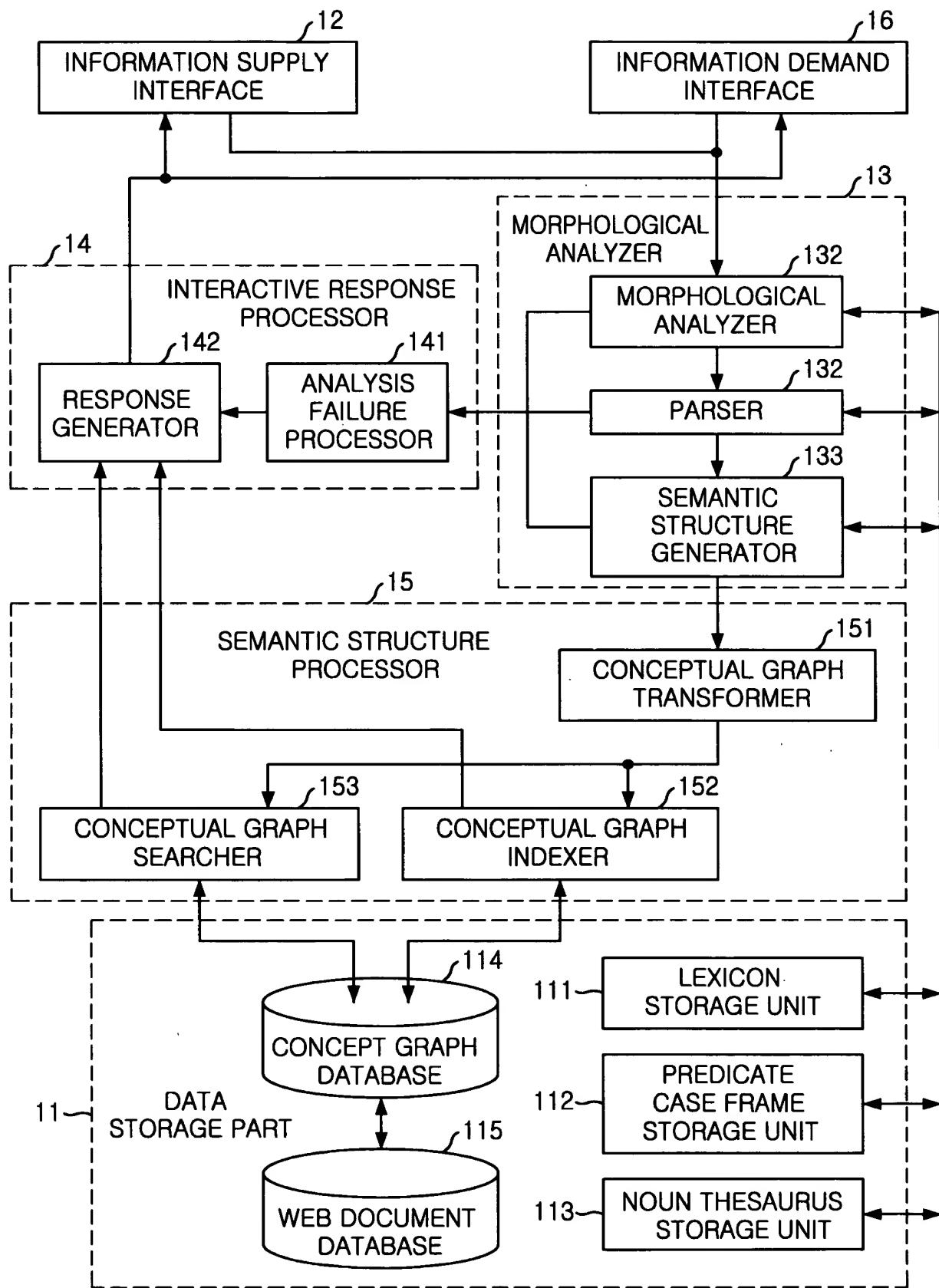


FIG. 2A

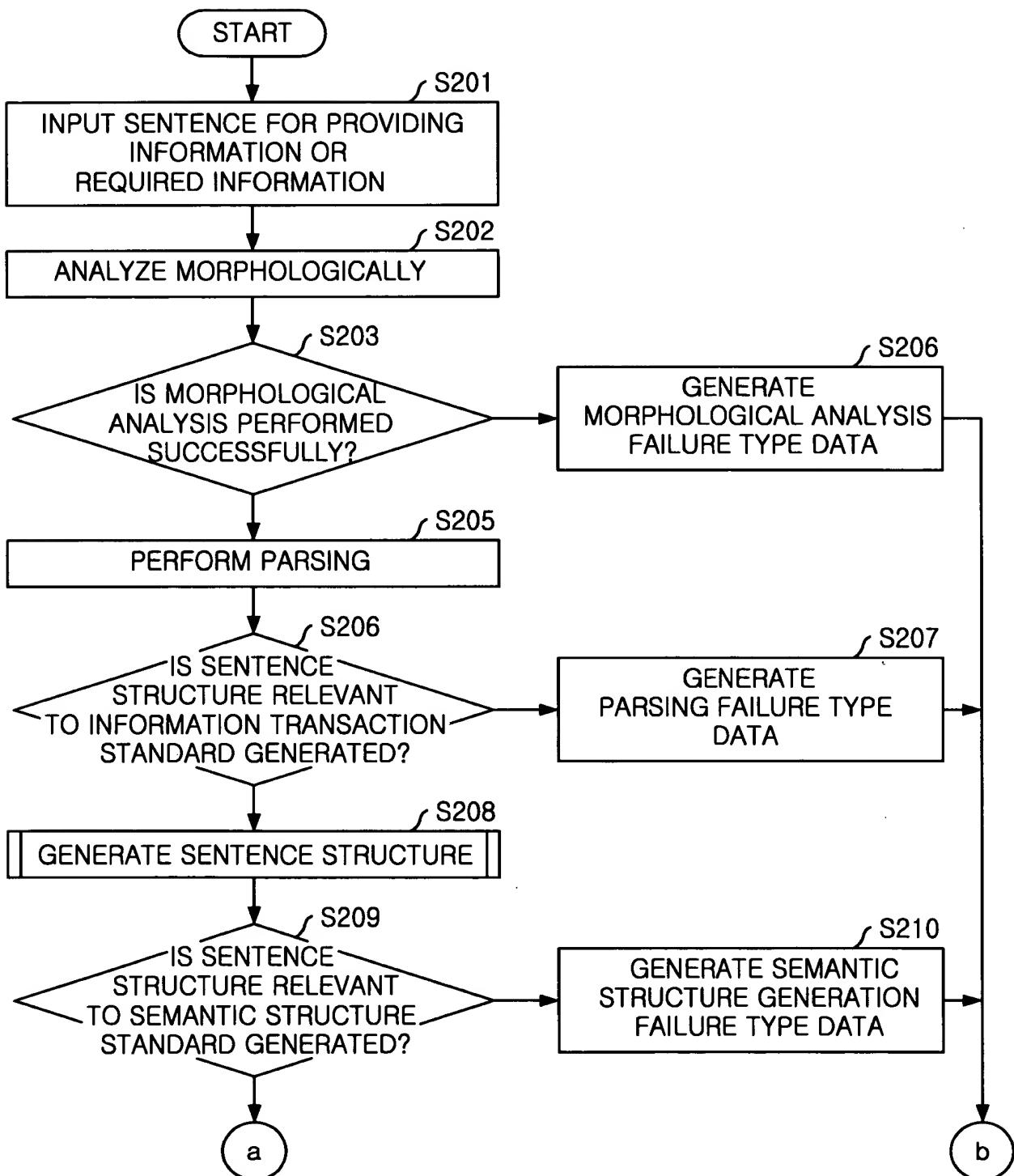


FIG. 2B

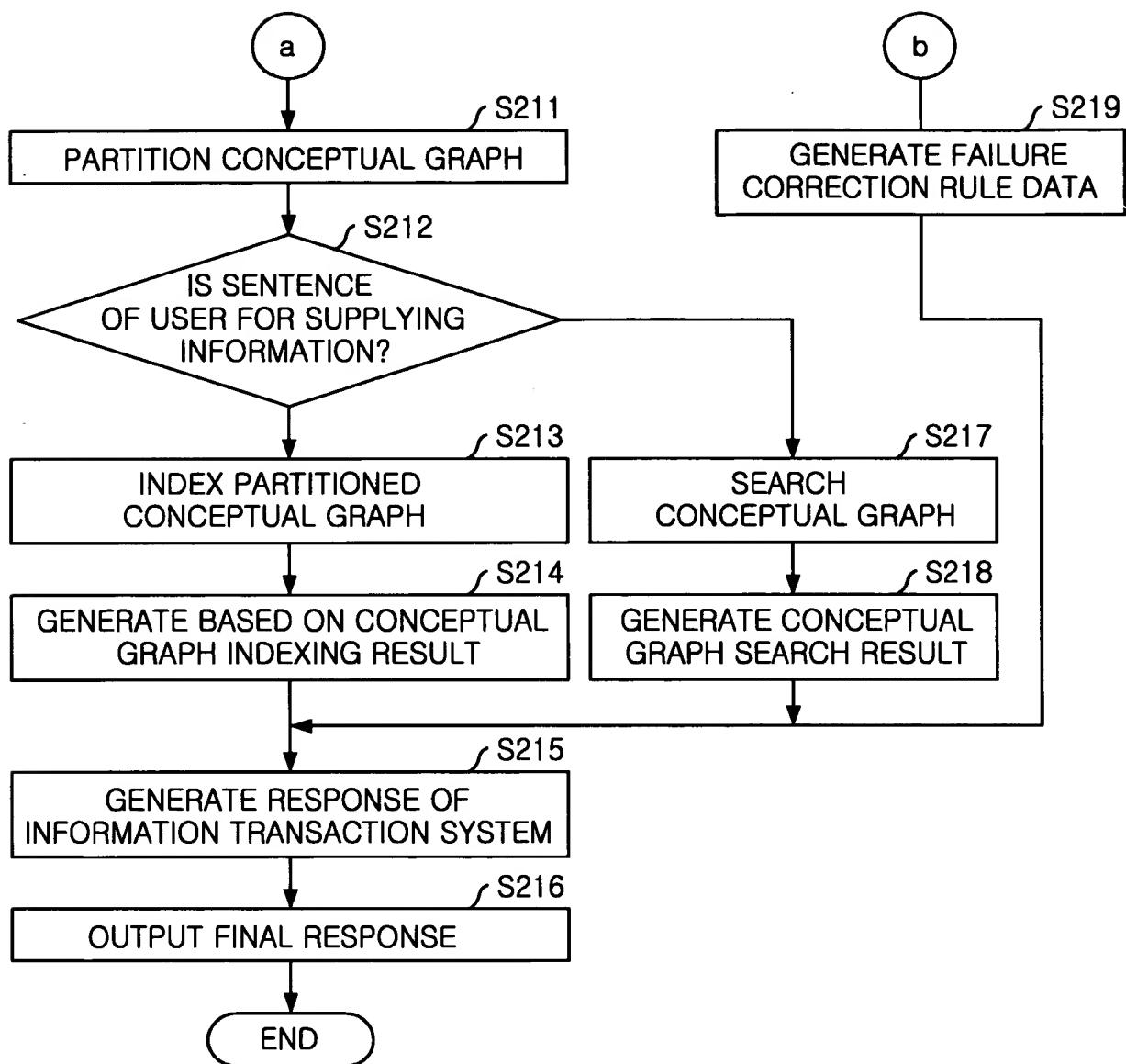


FIG. 3

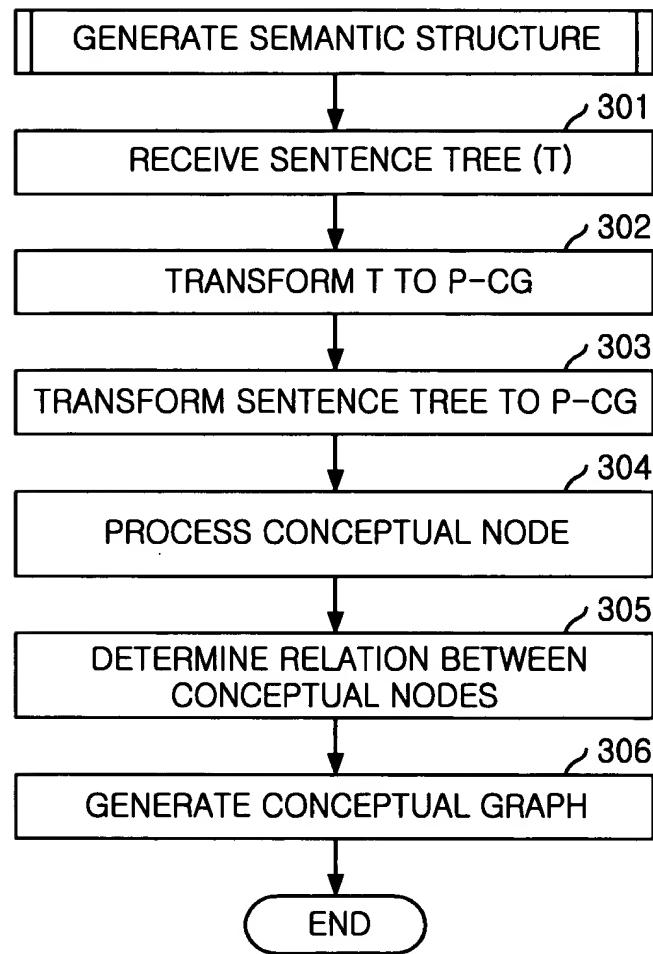


FIG. 4A

SENTENCE CATEGORY	TRANSFORMATION RULE
V-, C-, D-, n-	GENERATE SUBGRAPH INCLUDING ONLY RELATED NODE
N0, V0	GENERATE SUBGRAPH INCLUDING ONLY CONCEPTUAL NODE
D0, A0	GENERATE SUBGRAPH CONNECTING CONCEPTUAL NODE AND FORMULA-RELATED NODE

FIG. 4B

BEFORE PROCESSING CONCEPTUAL NODE	AFTER PROCESSING CONCEPTUAL NODE
[PARI/NUP]	[NATION:FRANCE]→(PART_OFF)→[CITY:PARIS]

FIG. 5A

ATTR TABLE

CONCEPT 1	CONCEPT 2	DOCUMENT ID
BANGBUB	Assertion030	1
HYANGSU X	Assertion031	1
SA/buy	INEXPENSIVE	1

FIG. 5B

AGENT TABLE

CONCEPT 1	CONCEPT 2	DOCUMENT ID
SA/buy	NULL	1
:	:	:

FIG. 5C

EXPERIENCER TABLE

CONCEPT 1	CONCEPT 2	DOCUMENT ID
JOEUN/good	HYANGSU X	1
:	:	:

FIG. 5D

OBJECT TABLE

CONCEPT 1	CONCEPT 2	DOCUMENT ID
SA/buy	HYANGSU X	1
:	:	:

FIG. 5E

LOCATION TABLE

CONCEPT 1	CONCEPT 2	DOCUMENT ID
SA/buy	PARI	1
:	:	:

FIG. 5F

JUXTAPOSE TABLE

CONCEPT 1	CONCEPT 2	DOCUMENT ID
HYANGSU X	MAN	1
:	:	:

FIG. 6

